Quantitation Report (Qedit)

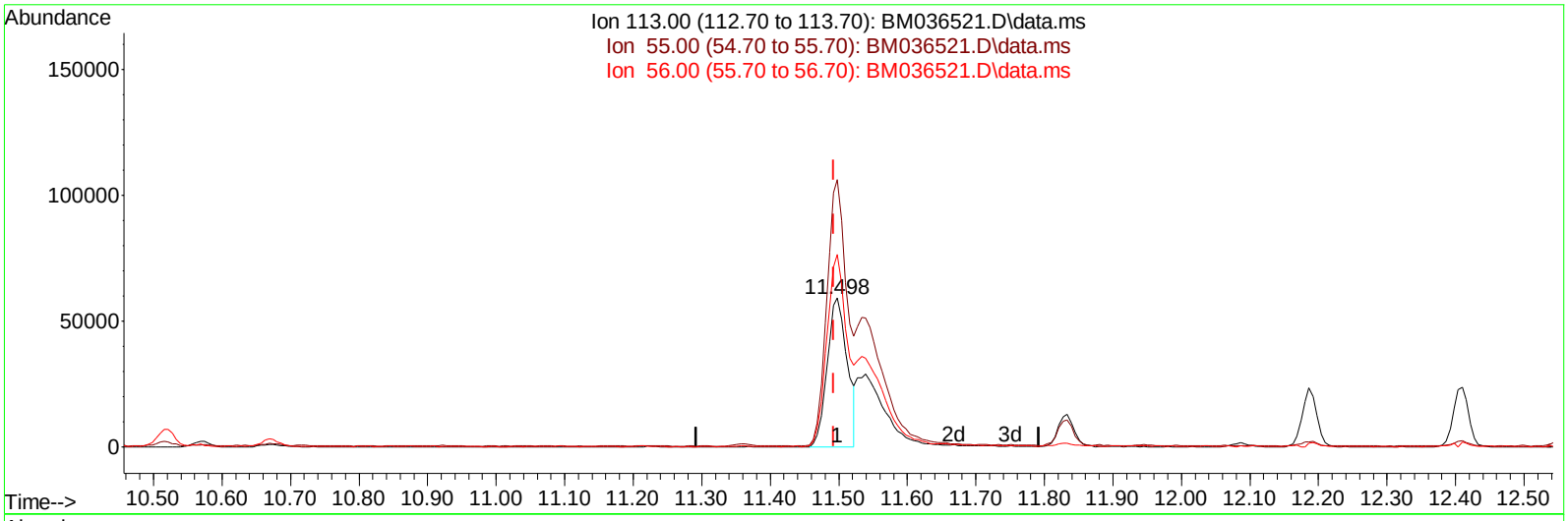
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090822\
Data File : BM036521.D
Acq On : 07 Sep 2022 22:25
Operator : CG/JU
Sample : N4483-04MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

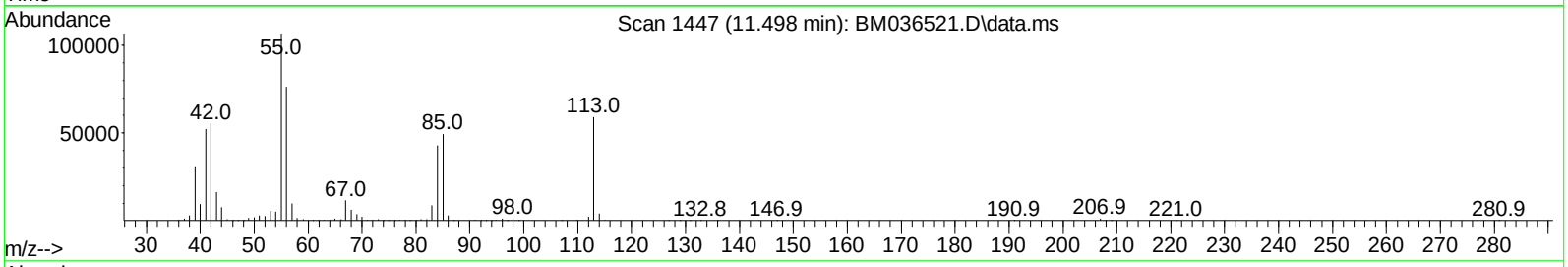
Quant Time: Sep 08 00:55:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 02 01:33:23 2022
Response via : Initial Calibration

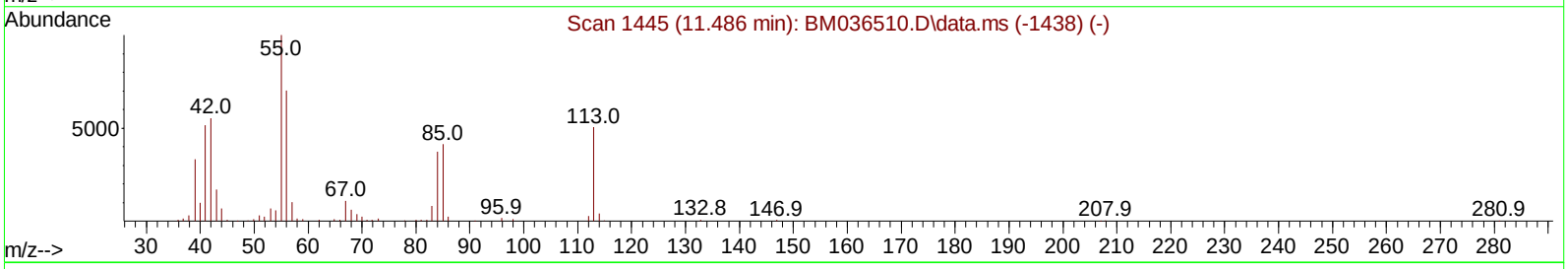
Instrument :
BNA_M
ClientSampleId :
EW353MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/08/2022
Supervised By :mohammad ahmed 09/19/2022







TIC: BM036521.D\data.ms

(34) Caprolactam

11.498min (+ 0.006) 29.29 ng/ul

response 120538

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	187.80	179.66
56.00	127.60	129.36
0.00	0.00	0.00

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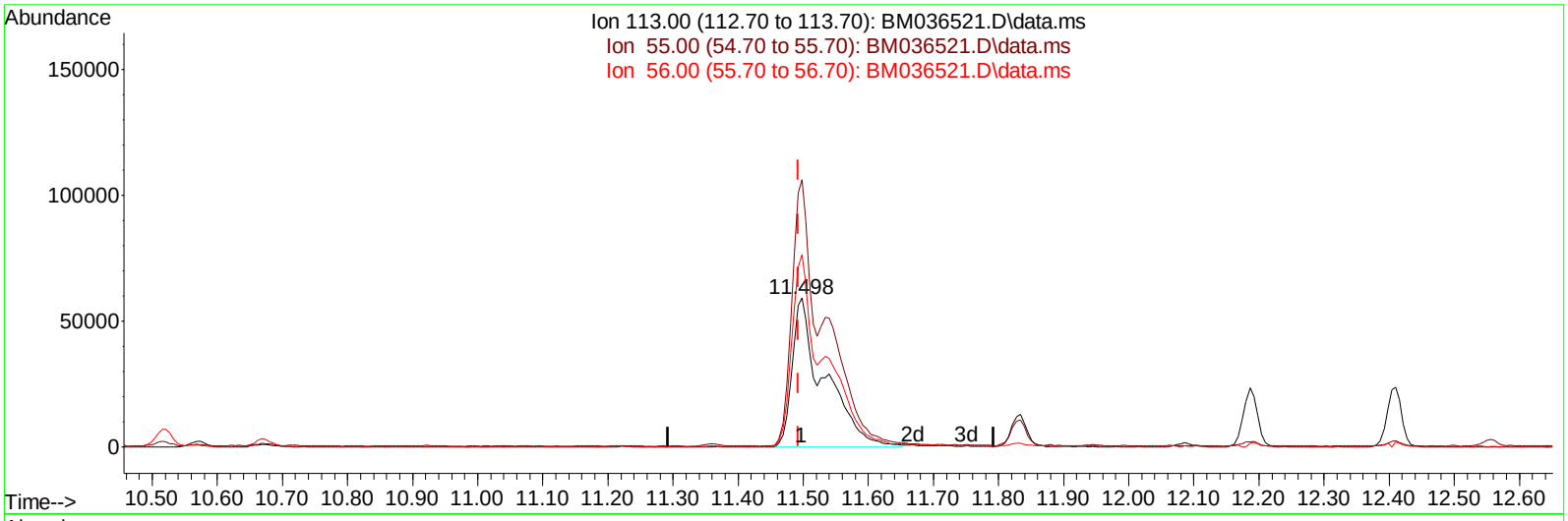

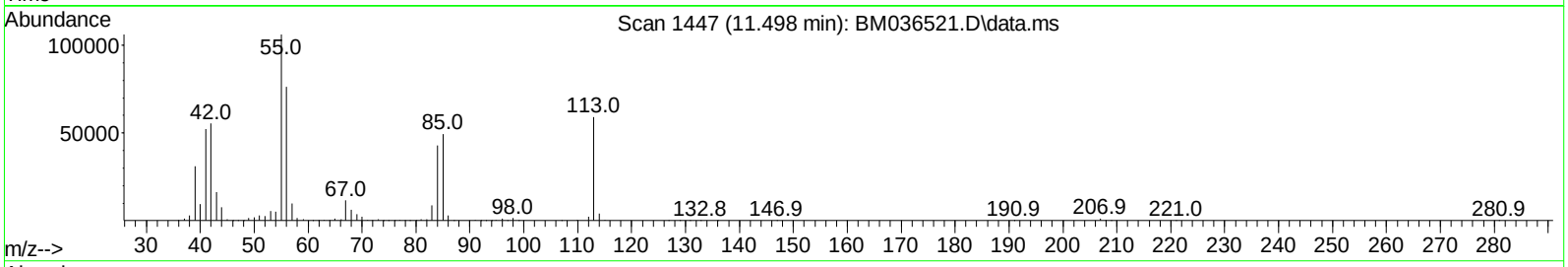

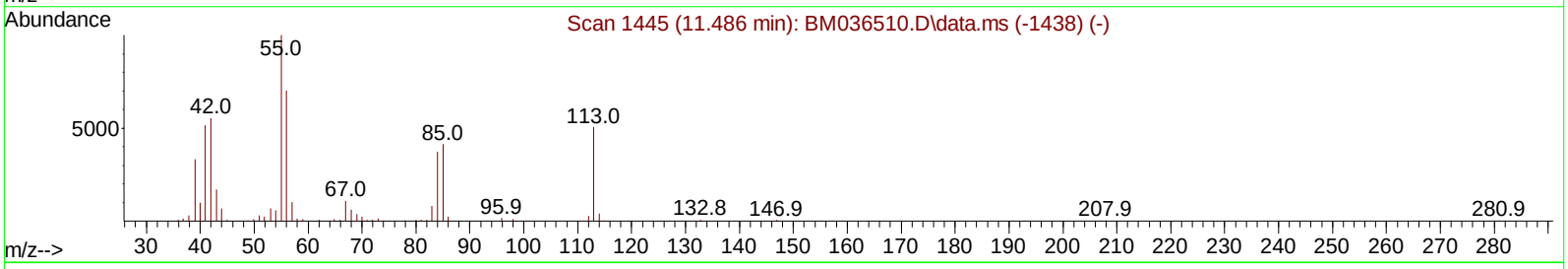

TIC: BM036521.D\data.ms

(34) Caprolactam

11.498min (+ 0.006) 49.21 ng/ul m

response 202507

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	187.80	179.66
56.00	127.60	129.36
0.00	0.00	0.00

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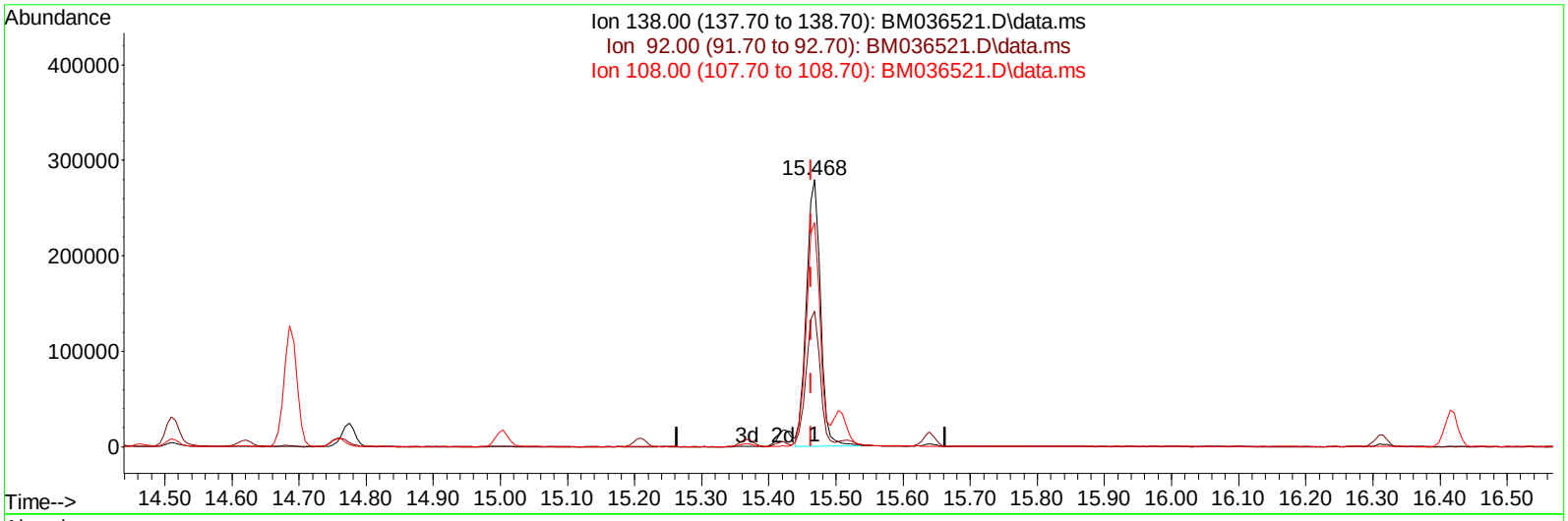

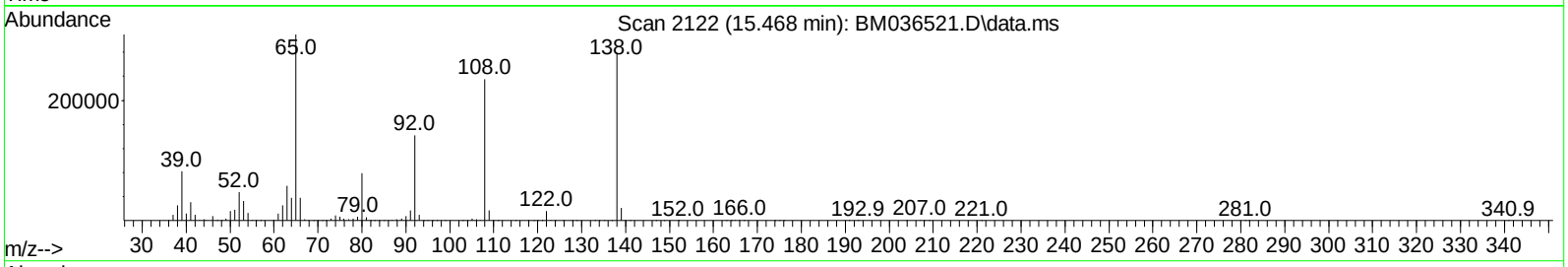

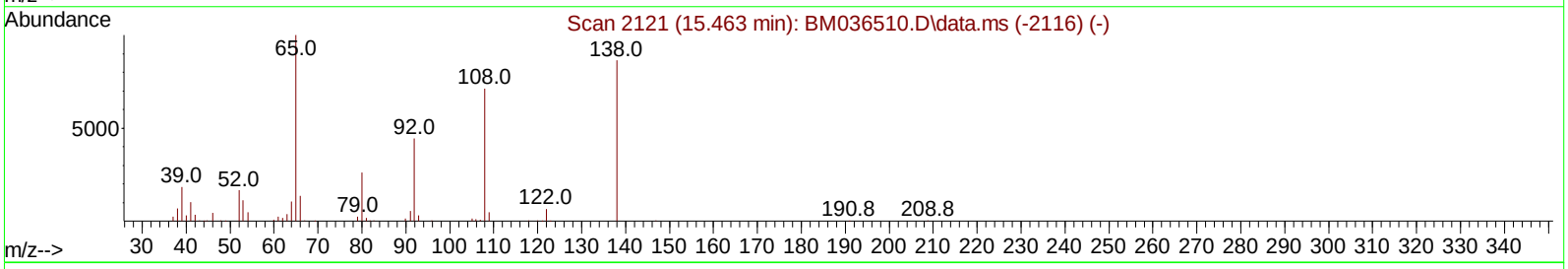

TIC: BM036521.D\data.ms

(63) 4-Nitroaniline

15.468min (+ 0.006) 58.55 ng/ul

response 407352

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.00	50.86
108.00	64.50	84.14#
0.00	0.00	0.00

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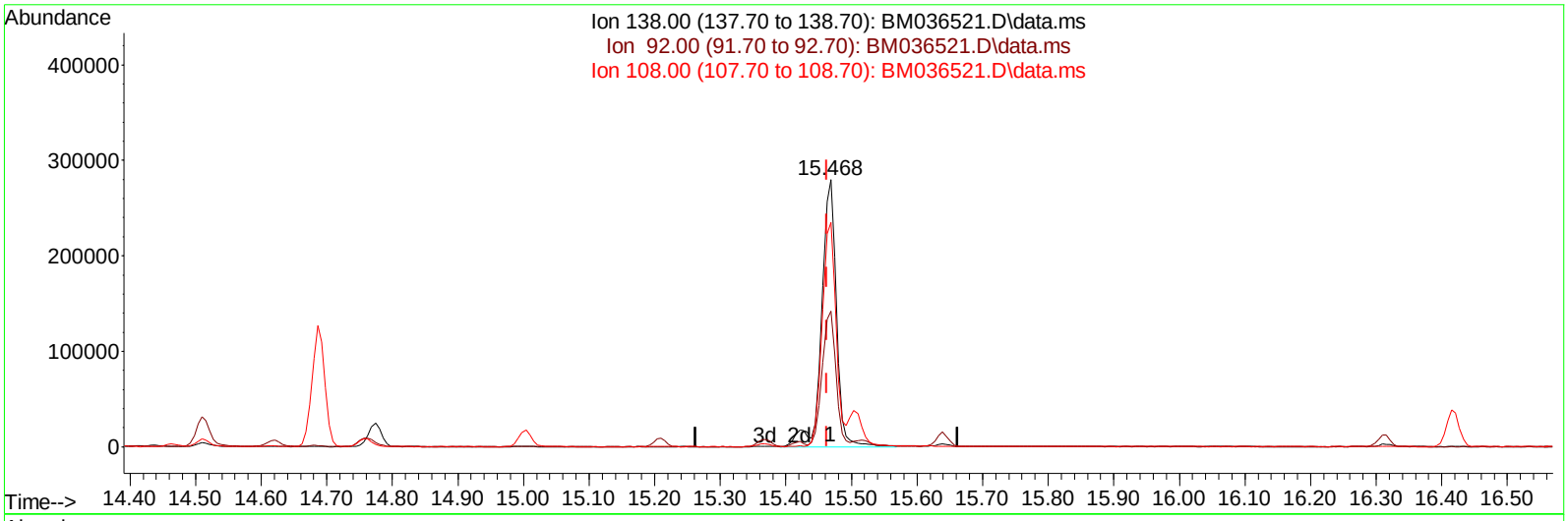

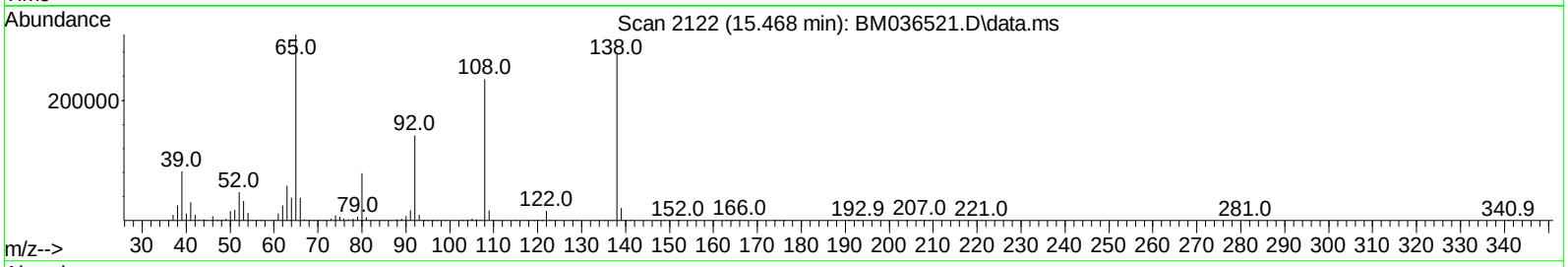

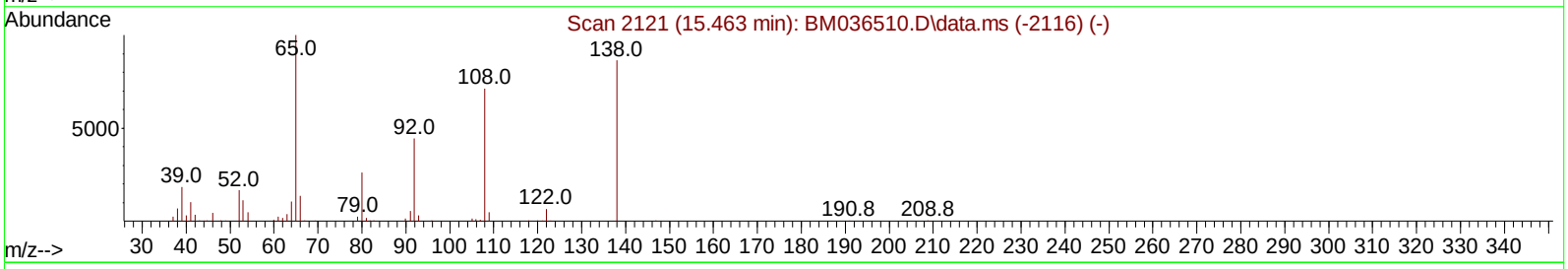

TIC: BM036521.D\data.ms

(63) 4-Nitroaniline

15.468min (+ 0.006) 63.16 ng/ul m

response 439455

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.00	50.86
108.00	64.50	84.14#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	213232	20.000	ng/ul	0.00
20) Naphthalene-d8	10.522	136	976858	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.374	164	555047	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.115	188	1276237	20.000	ng/ul	0.00
79) Chrysene-d12	21.309	240	1188119	20.000	ng/ul	0.00
88) Perylene-d12	23.597	264	998206	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	22528	4.026	ng/uL	0.00
4) Pyridine-d5	3.557	84	118229	7.663	ng/ul	0.00
7) Phenol-d5	6.904	99	552717	30.367	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.063	67	351562	30.686	ng/ul	0.00
11) 2-Chlorophenol-d4	7.251	132	444537	31.085	ng/ul	0.00
15) 4-Methylphenol-d8	8.451	113	431938	31.783	ng/ul	0.00
21) Nitrobenzene-d5	8.892	128	237186	32.024	ng/ul	0.00
24) 2-Nitrophenol-d4	9.610	143	228857	30.463	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.151	165	430055	32.037	ng/ul	0.00
31) 4-Chloroaniline-d4	10.669	131	483116	23.215	ng/ul	0.00
46) Dimethylphthalate-d6	13.798	166	1220739	34.764	ng/ul	0.00
49) Acenaphthylene-d8	14.068	160	1441835	32.921	ng/ul	0.00
54) 4-Nitrophenol-d4	14.604	143	220596	33.154	ng/ul	0.00
60) Fluorene-d10	15.368	176	1104562	34.811	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.504	200	196190	29.901	ng/ul	0.00
73) Anthracene-d10	17.215	188	1902648	33.528	ng/ul	0.00
81) Pyrene-d10	19.515	212	2227268	36.138	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.450	264	1720257	35.149	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.163	88	72757	12.346	ng/uL	97
5) Pyridine	3.581	79	188771	11.843	ng/ul	92
6) Benzaldehyde	6.869	77	203843	27.265	ng/ul	92
8) Phenol	6.928	94	795735	42.050	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.157	93	606968	40.102	ng/ul	98
12) 2-Chlorophenol	7.287	128	603562	40.360	ng/ul	99
13) 2-Methylphenol	8.181	108	583061	41.798	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.263	45	879212	43.417	ng/ul	98
16) Acetophenone	8.557	105	984520	45.042	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.545	70	494470	45.451	ng/ul	98
18) 4-Methylphenol	8.510	108	639445	42.824	ng/ul	99
19) Hexachloroethane	8.792	117	257517	41.161	ng/ul	89
22) Nitrobenzene	8.933	77	718603	40.949	ng/ul	98
23) Isophorone	9.463	82	1298869	41.679	ng/ul	97
25) 2-Nitrophenol	9.645	139	328421	39.238	ng/ul	95
26) 2,4-Dimethylphenol	9.710	107	587352	35.090	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.945	93	758330	37.378	ng/ul	99
29) 2,4-Dichlorophenol	10.175	162	561434	40.880	ng/ul	99
30) Naphthalene	10.569	128	2047020	39.926	ng/ul	100
32) 4-Chloroaniline	10.692	127	549973	25.983	ng/ul	99
33) Hexachlorobutadiene	10.845	225	355441	41.196	ng/ul	98
34) Caprolactam	11.498	113	202507m	49.213	ng/ul	
35) 4-Chloro-3-methylphenol	11.833	107	650981	46.880	ng/ul	96

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.186	142	1380160	42.905	ng/ul	98
37) 1-Methylnaphthalene	12.410	142	1394099	43.032	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.557	216	667696	43.523	ng/ul	99
40) Hexachlorocyclopentadiene	12.527	237	272241	29.912	ng/ul	97
41) 2,4,6-Trichlorophenol	12.810	196	448362	46.445	ng/ul	98
42) 2,4,5-Trichlorophenol	12.880	196	503103	49.132	ng/ul	99
43) 1,1'-Biphenyl	13.210	154	1830584	43.851	ng/ul	99
44) 2-Chloronaphthalene	13.251	162	1398909	43.670	ng/ul	99
45) 2-Nitroaniline	13.468	65	450952	51.987	ng/ul	94
47) Dimethylphthalate	13.845	163	1600299	44.274	ng/ul	99
48) 2,6-Dinitrotoluene	13.968	165	336958	49.409	ng/ul#	88
50) Acenaphthylene	14.098	152	2136017	41.358	ng/ul	100
51) 3-Nitroaniline	14.298	138	363130	48.689	ng/ul	98
52) Acenaphthene	14.439	153	1385202	41.149	ng/ul	98
53) 2,4-Dinitrophenol	14.510	184	166982	44.928	ng/ul	92
55) 4-Nitrophenol	14.621	109	272798	51.892	ng/ul#	76
56) Dibenzofuran	14.774	168	1943358	41.605	ng/ul	95
57) 2,4-Dinitrotoluene	14.757	165	505380	52.252	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.004	232	364301	46.857	ng/ul#	91
59) Diethylphthalate	15.210	149	1760088	49.399	ng/ul	99
61) Fluorene	15.421	166	1673659	45.175	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.421	204	787624	45.510	ng/ul	98
63) 4-Nitroaniline	15.468	138	439455m	63.165	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.521	198	257573	38.827	ng/ul#	95
67) N-Nitrosodiphenylamine	15.639	169	1428843	39.161	ng/ul	98
68) 4-Bromophenyl-phenylether	16.315	248	504513	42.692	ng/ul	97
69) Hexachlorobenzene	16.421	284	611098	42.672	ng/ul	97
70) Atrazine	16.598	200	34593	2.775	ng/ul	98
71) Pentachlorophenol	16.768	266	331430	41.979	ng/ul	99
72) Phenanthrene	17.162	178	2891896	43.103	ng/ul	98
74) Anthracene	17.251	178	2880104	42.818	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.169	216	663726	34.661	ng/uL	97
76) Pentachlorobenzene	14.692	250	617611	34.542	ng/uL	99
77) Carbazole	17.533	167	2761895	43.855	ng/ul	98
78) Di-n-butylphthalate	18.092	149	3618121	52.525	ng/ul	99
80) Fluoranthene	19.180	202	3504990	47.056	ng/ul	99
82) Pyrene	19.545	202	3587961	46.160	ng/ul	97
83) Butylbenzylphthalate	20.450	149	1642445	56.482	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.233	252	742310	30.340	ng/ul	99
85) Benzo(a)anthracene	21.291	228	3297712	46.187	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.227	149	2466085	61.423	ng/ul	99
87) Chrysene	21.344	228	3159376	45.034	ng/ul	98
89) Di-n-octyl phthalate	22.121	149	3970901	66.918	ng/ul	100
90) Benzo(b)fluoranthene	22.903	252	3009114	49.444	ng/ul	98
91) Benzo(k)fluoranthene	22.950	252	2754020	47.564	ng/ul	98
93) Benzo(a)pyrene	23.503	252	2706541	45.206	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	25.968	276	2779557	39.486	ng/ul	96
95) Dibenzo(a,h)anthracene	25.979	278	2403711	39.639	ng/ul	96
96) Benzo(g,h,i)perylene	26.691	276	2150945	35.731	ng/ul	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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